MD iMAP Technical Committee Meeting Minutes for December 2020

Place: On-Line Only Attendance due to COVID19 Social Distancing

Date: 12/01/2020;   Time: 1:00PM – 2:00PM

Phone Attendees: Kevin Coyne (DNR); John Lesko (DoIT); Lisa Lowe (DoIT), Conrad Schaefer (DoIT), Susan Hmel (DoIT), Darren Lloyd (DoIT), J.B. Churchill (DoIT), Gary Maragos (MDP), Leah Visakowitz (McCormick Taylor),), Rowland Agbede (MDA), Jason Keppler (MDA), Bill Fearrington (DHS), Scott Hansen (MDP), Nick Walls (Wallace Montgomery), Anthony Puzzo (ESRI), Matt Viverito (ESRI) and John Wafer (MDOT/TSO).

<u>Agenda</u>

Introductions

Maryland Enterprise Software & MD iMAP 3.0 Update – John Lesko

- DoIT continues working to support other agencies in the response to COVID-19:

  o The GIO team continues to support a COVID-19 ArcGIS Hub site to provide support to MDH during response. (visit https://coronavirus.maryland.gov/)

  o Upgrades and additions to the Hub site include the following:

  o The main Covid-19 Dashboard has undergone a significant redesign. This occurred over the past month. Most of the text information has been transferred to a new site called CovidLink.Maryland.gov. Note that the "buttons" have been relocated to the lower border and the maps and charts pushed further down the page.

  o To date, the Hub Dashboard has had 61,082,331 page views and 9,509,305 users. The Testing Page has had 1,248,414 users and the Open Data site is averaging a download of data 21 times/day and 28 API calls/day.

  o To track the Percent of the Population tested for COVID-19 by County, GIO developed a colorized bar chart. The aim of the color coding is to show each County's progress in having 10% of their population tested. 24 of 24 counties have achieved the 20% level. Note that Somerset County continues to lead the Counties in the present of population tested (47.0% November vs. 30.7% August); Cecil County has tested (27.6% November vs. 13.9% August) of its residents tested. This chart is updated daily.

  o A new sub-page titled "Outbreak-Associated Cases in Schools", lists schools that have COVID outbreaks. The information is based on local health department reports to MDH. Schools are listed if they meet one of three criteria. This site is reached by selecting the "Schools Data" button on the Dashboard.

- The Congregate Facility Settings lists the number of Confirmed Staff Cases, Confirmed Staff Deaths, Confirmed Resident Cases and Confirmed Resident Deaths Statewide and by County.

- The Congregate State and Local Facility Settings lists the number of Confirmed Staff Cases & Deaths, Confirmed Patient Cases & Deaths, Confirmed Inmate Cases & Deaths and Confirmed Youth Cases & Deaths Statewide and by County.

- This page summarizes the number of Total Cases for Nursing Homes, Group Homes and Assisted Living Facilities; Total Case for State and Local Facilities; Total Deaths for Nursing Homes, Group homes.

- The decision was made to remove the "CovidLINK" button from the covid-19 Dashboard and establish a "CovidLINK" site. This site, hosted on a MD State platform, contains the majority of the test information that previously was on the Dashboard. Note that there is a link to the covid-19 Dashboard, the "Testing" site and also the "Contact Tracing" page, all of which are still supported by DOIT GIO staff.

- The Roadmap to Recovery no longer has the County opening by Phase map.

- Based on the state's health metrics, local school systems are urged to reevaluate their modes of instruction. MDH and MSDE have presented county-specific benchmarks to guide conversations among local officials regarding in-person instruction. They are based on metrics that, taken together, reflect the levels of community transmission, including test positivity and case rates. The Statewide Case Rate per 100,000 people was 18.55. That number has increased to 34.21. The Positivity % increased from 5.05% to 6.53%

- The testing site continues to be one of the busiest pages. The site was re-designed and is a central repository for testing information and announcements. The December re-design added a button labeled "Testing Types". When selected, a page displays which provides information about PCR or Molecular Amplificaton Diagnostic, A Rapid Point of Care (Antigen Diagnostic) and a Serology (Antibody) test.

- In addition, the Testing Page Announcements are updated 2 or 3 times a week.

- ESRI will be enforcing the use of HTTPS for all ArcGIS Online organizations beginning on Tuesday, Dec. 8, 2020. On Monday, November 2, 2020 at 9:00 AM, DOIT GIO enforced HTTPS on the Maryland GeoShare organization. To date, no negative feedback or issues have been reported to DOIT GIO.

"Introduction to ArcGIS Field Maps";   Matt Viverito; ESRI

- Matt introduced ESRI's new product called Field Maps;
- ArcGIS Field Maps is an all-in-one app that uses data-driven maps to help fieldworkers perform mobile data collection and editing, find assets and information, and report their real-time locations.
- Field Maps is an incorporation of existing products which include "Collector", "Explorer" and "Tracker".
- The new application is available for desktop and mobile devices;
- Field Maps will not include "Survey123" nor "Quick Capture".
- The application does not use as much battery power as "Tracker" does;
- Future releases will include applications such as "Navigator" and "Workforce";

MD iMAP 3.0 Update – John Lesko

- The Maryland Department of Natural Resources (DNR) request to migrate to the enterprise GIS platform continues to progress. A SOW has been approved. All internal approvals have been obtained. Maria Fisher has returned the ticket to Special Request Intake for draft SOW PO presentation to the agency. It's being routed to Tanya Williams.

- The Maryland Transit Administration completed an upgrade to the software to the software on their development and production servers. MTA upgraded to ArcGIS Server Advanced (vers. 10.5 to vers 10.8) for the staging and production servers.

- The Maryland Department of Transportation/State Highway Administration is upgrading the software on their production servers (SHAGBAG4 AND SHAGBAGI). MTA upgraded to ArcGIS Server Advanced (vers. 10.6.1 to vers 10.8.1) for the production servers. In addition, SHA requested an upgrade for the Roads and Highways Extension to vers. 10.8.1 and for the DMZ license to 10.8.1. We learned that Roads and Highways vers.10.8.1 has not been released. We are communicating with Esri to track its release.

- Work was completed on an MDOT service ticket that addressed and corrected an issue discovered for users applying for membership in a Group. There were differences in login privileges depending on whether the request was issued form an email or via social media. ESRI technicians discovered an issue that "declined" privileges to newly established accounts. Once the issue was discovered, ESRI corrected the script. Then they established a new group and moved all users into the new group, all done without disruption to users.

- The Maryland Department of Agriculture (MDA) requested assistance with creating a dashboard for their Chesapeake Bay Restoration data. DOIT generated a SOW and estimated the time and effort to develop a:
  - Home Navigation Page
  - Best Management Practices Page

- o Investments Page
- o Farm Inspections Page
  The SOW was submitted and is under review.

- MEMA requested (Ticket RITM01027060) assistance with upgrading the existing power outage application to consume a new BG&E power feed API from Kubra before the existing feed is discontinued. DoIT GIO:
  - o 1. communicated with Exelon on the BG&E API feed design and use.
  - o 2. BG&E API data feed code redesign.
  - o 3. Deployed to the Development to test instance.
  - o 4. Data inspection and monitoring
  - o 5. Deployed to Production

- The Maryland Department of Commerce requested assistance (Ticket RITM0117808) for generating and posting tax credit maps to MD iMAP for the years 2016-2019. DoIT staff is currently working with Commerce staff to "clean-up" their data sets and beginning to explore map options and designs.

- The State of Maryland, at the individual discretion of the 24 public safety answering points (PSAPS) in the State, is making an effort to migrate from legacy 9-1-1 technology to a Next Generation 9-1-1 (NG9-1-1) environment. Maryland is committed to providing publicly accessible information for the Next Generation 9-1-1 initiative.

- DOIT staff is working to provide the necessary infrastructure, processes, and network changes in order to begin designing and implementing workflows for cross jurisdictional GIS data validation for Next Generation 911 implementation. This project will provide the infrastructure to begin the development of processes for local GIS data to be uploaded, validated and assessed against other local data, and report back the validation to the user, The address of the Hub site is on the MD Geo Share platform: https://ng911-maryland.hub.arcgis.com/

- The NG911 Hub site was built to provide a centralized portal for sharing information about the Next Generation 911 Initiative and all the standards and protocols that have been decided upon by the group. The group refers to the GIS Professionals in the ECC GIS Coordination Committee (County GIS folks as well as DoIT and Mission Critical Partners working together). The site has publicly shared information and more detailed information (such as contact lists and data) that is only available to project participants.

- MD DOIT GIO Highlights and Initiatives;
  1. Redesign of the MD iMAP platform. Investigating a move to a HUB site environment;
  2. Early discussion for moving to MD iMAP 4.0;
  3. Update of the MD iMAP Communication Plan;
  4. Continue to expand QLIK users and migrating users from Power BI to the QLIK platform;
  5. Continue to support and expand the data available on the Open Data platforms;

Subcommittee Updates

Training – *Lisa Lowe*

- ° Nothing new to report.

Centerlines – *Marshall Stevenson*

- ° No update provided

Composite Locator – *Lisa Lowe*

- ° A new composite locator was created using Pro that is available in our development environment. This locator is more accurate than the current one but can only be used in Pro and newer versions of ArcMap. It will likely stay in our development environment until our migration to new servers.

Imagery – *Lisa Lowe*

- ° We are nearing completion of the QA phase. Final checks will be performed by AECOM before being delivered to DoIT. Unfortunately, we are running a little behind schedule and the counties will not get their imagery until probably the end of December or the beginning of January.

Lidar – *John Lesko*

° Howard & Prince George's County derivative products are in production at ESRGC. They are projecting that the files will be delivered sometime next week;

° Airborne, tide coordinated, LiDAR for the SE Maryland project involving Wicomico, Worcester and Somerset Counties and the Mid-North Chesapeake Bay project which includes (King George, in VA, Queen Anne, Harford, Cecil counties in MD) will begin acquisition now that the leaves have dropped.

Action Items

- None identified

Additional Business

- None identified